

# Converting Colors

Hex(80797E)

Have a look what the booklet for  
Hex(80797E) contains.

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# Color

**Hex(80797E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80797E
RGB	128, 121, 126
RGB Percent	50%, 47%, 49%
CMY	0.4980, 0.5255, 0.5059
CMYK	0.00, 0.05, 0.02, 0.50
HSL	317°, 3%, 49%
HSV	317°, 5%, 50%
XYZ	19.5054, 19.7703, 22.5267
YIQ	123.6630, 2.5670, 3.0390

# Conversions

## Conversions Part 2

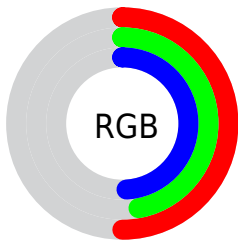
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 121, 126
Decimal	8419710
CIE <sub>Lab</sub>	51.58, 3.64, -1.78
CIE <sub>LCh</sub>	52, 4.055, 334.006
Yxy	19.7703, 0.3156, 0.3199
Android (android.graphics.Color)	4286609790 (0xFF80797E)
YUV	123.6630, 1.1521, 3.8035
Hunter-Lab	44.4638, 0.4926, 1.0866

# Details

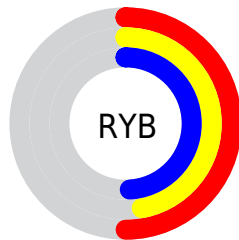
The Hex color **80797E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79807B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B5ADB3**, and **4F494D** is the 20% darker color. If you saturate the color by 10%, you get **806C7A**, and if you desaturate by 10%, it is **808682**.

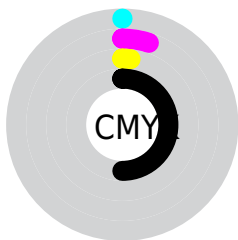
# Distribution



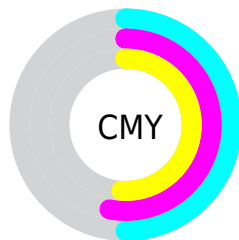
- Red (50%)
- Green (47%)
- Blue (49%)



- Red (50%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80797E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 80797E by changing the saturation by 10% instead.



80797E

80797E

FFFFFF

676065

B5ADB3

4F494D

D0C9CE

383236

EDE5EA

231D21

0D030A

000000

80797E

80797E

806C7A

808682

805F77

809385

805373

809F89

80466F

80AC8D

80396C

80B990

802C68

80C694

801F64

80D398

801361

80DF9B

80065D

80EC9F

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7C7A81



80797E



82797B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80797E



7D7B74



737D7F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80797E



79807B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



737D7B



80797E



797C75

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80797E



817A75



767D78



747C81

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80797E



837978



767D78



737D7E



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80797E



A6A2A5



7B7980



545254



D4D4D4



545454



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80797E



A69AA2



80797B



403B3E



80005B



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80797E



A69AA2



79807E



403B3E



80005B



000000



# Previews

## White Background



This preview shows how the Hex color 80797E looks on a white background.

## Color Contrast Check

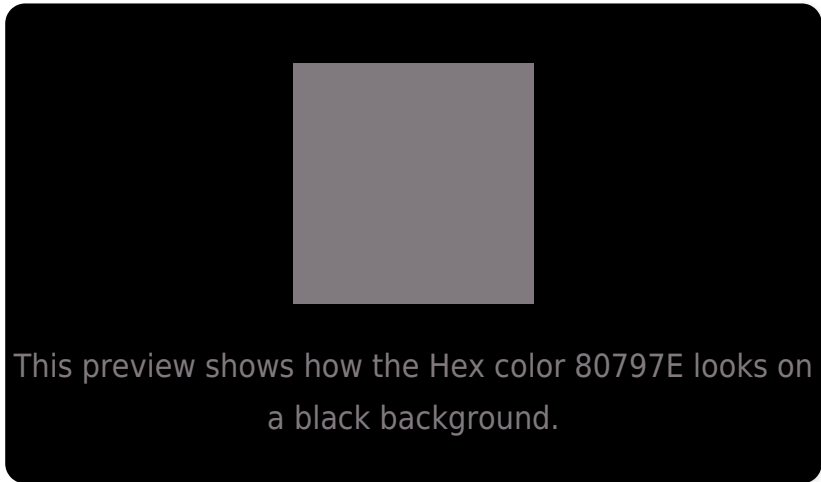
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

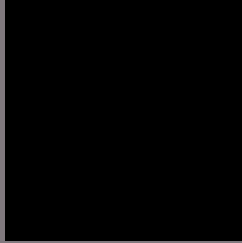
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80797E Background



This preview shows how black text looks on a background with the Hex color 80797E.



This preview shows how white text looks on a background with the Hex color 80797E.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
80797E

**Protanopia**  
7C7A7F

**Deuteranopia**  
85777E



**Tritanopia**  
817882

# Trichromacy



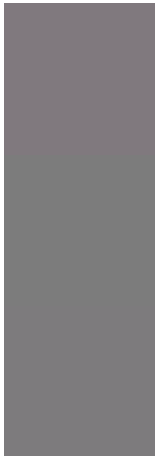
**Original Color**  
80797E

**Protanomaly**  
7D7A7F

**Deuteranomaly**  
83787E

**Tritanomaly**  
817881

# Monochromacy



**Original Color**  
80797E

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7D7B7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80797E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #80797E looks like.

```
.text, #text, p{  
    color:#80797E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #80797E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80797E
}
```

## Border

The CSS property to change the border of an element to Hex 80797E is called "border". The border property can be set on classes, ids or directly on the HTML element.

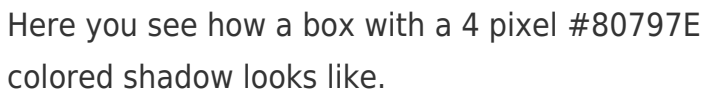
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80797E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#80797E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #80797E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80797E; -webkit-box-shadow:4px 4px  
4px 4px #80797E; box-shadow:4px 4px 4px  
4px #80797E }
```

# Background

The CSS property to change the background color of an element to Hex 80797E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80797E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#80797E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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